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Tanaka

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[54]	FLEXIBLE PRINTED CIRCUIT		
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[56]	References Cited		

U.S. PATENT DOCUMENTS

1/1972 Billawala 340/174.1 F

5,047,895	9/1991	Sasaki
5,296,831	3/1994	Suzuki
5,337,202	8/1994	Jabbarai et al 360/97.01

FOREIGN PATENT DOCUMENTS

57-34388 2/1982 Japan.

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ABSTRACT

A bypass piece is formed at a forward end of a extension part. Three bypass Cu wiring patterns, which cannot be formed at a extension part, are formed at the bypass piece. The bypass piece is bent from the forward end of the extension part towards the main body so as to overlap the extension part. Connecting portions of the bypass Cu wiring patterns of the bypass piece are soldered to end portions of wiring patterns of the main body.

5 Claims, 4 Drawing Sheets

